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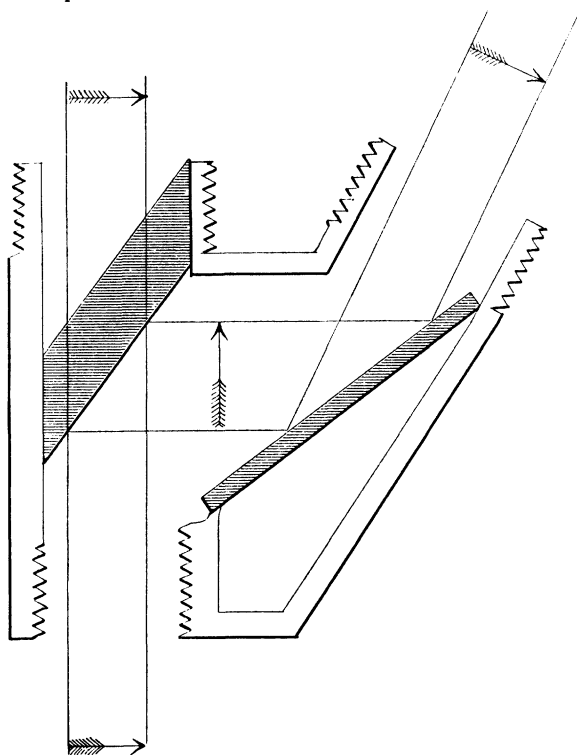
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REMARKS ON A DEVICE FOR ENABLING TWO OBSERVERS TO VIEW OBJECTS SIMULTANEOUSLY.

By JAMES H. LOGAN, Pittsburg, Pa.

Microscopists are generally familiar with the arrangement of ratchet by which two or more persons can examine an object under the microscope at the same time. It occurred to me that an ap-



paratus for this purpose would be more convenient and useful if arranged in a box so that it could be applied to any microscope and readily removed when not wanted.

[The device was presented for inspection. The accompanying figure will doubtless make clear its construction, without specific description.]

Half of the rays from the object proceed directly up the main tube, and the other half are reflected into the other one. The reflected rays, however, do not cross those of the main tube, but are reflected outside; otherwise the arrangement resembles that of the Wenham binocular prism.

Either such a modified Wenham prism may be used, or two plain reflectors.

The one submitted for examination is an experimental one, and works fairly well. Experiments are still being made, the endeavor being to perfect an apparatus that will utilize the whole aperture of the objective in each tube, instead of half, as in the present arrangement.